

PATENT / DOCKET NO. 12964.17

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Hassan Jomaa

Serial No.: 09/673,389

International Appl. No.: PCT/EP99/02463

Filed: October 13, 2000

Int. Appl.Date: April 13, 1999

For: PROCESS FOR IDENTIFYING CHEMICAL
ACTIVE INGREDIENTS AND ACTIVE
INGREDIENTS FOR INHIBITING THE
1-DESOXY-D-XYLULOSE-5-PHOSPHATE
BIOSYNTHESIS PATHWAY

QUESTION

RECEIVED
13 JUN 2001
Legal Staff
International Division

INFORMATION DISCLOSURE STATEMENT

Box: DO/EO/US
Commissioner For Patents
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the references set forth in the attached modified form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence. The undersigned first became aware of the cited patents by their inclusion in an International Search Report in connection with the PCT counterpart of the present application. A copy of the Search Report is enclosed.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

Copies of the cited references are attached. An early action on the merits is respectfully requested.

Respectfully submitted,

Warren B. Kice

Reg. No. 22,732

Dated: 1/25/00
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22,732
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on December 4, 2000

Jandra Kubein

SANDRA KUBIN

In Place of Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 12964.17		SERIAL NO. 09/673,389	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Hassan Jomaa			
				FILING DATE October 13, 2000		GROUP Unknown	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AB	197 52 700	06/99	Germany			
	AC						
	AD						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.).							
	AE	H.C. Neu et al, "In Vitro and In Vivo Antibacterial Activity of FR-31564, a Phosphonic Acid Antimicrobial Agent," ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, June 1981,1013-23					
	AF	H.C. Neu et al, "Synergy of Fosmidomycin FR-31564 and Other Antimicrobial Agents," ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, October 1982, 560-563					
	AG	D. Greenwood, "Fosfomycin and fosmidomycin," ANTIBIOTICS AND CHEMOTHERAPY, 1997, 357-359					
	AH	Sprenger, Georg A. et al, "Identification of a thiamin-dependent synthase in Escherichia coli required for the formation of the 1-deoxy-D-xylulose-5-phosphate precursor to isoprenoids, thiamin, and pyridoxol," PROC. NATL. ACAD. SCI. USA, 1997, 12857-12862					
	AI	Lois, Luisa Maria et al, "Cloning and characterization of a gene from Escherichia coli encoding a transketolase-like enzyme that catalyzed the synthesis of D-1-deoxyxylulose-5-phosphate, a common precursor for isoprenoid, thiamin, and pyridoxol biosynthesis," PROC. NATL. ACAD. SCI USA, 1998, 2105-2110					
EXAMINER				DATE CONSIDERED			
*EXAMINER:		Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.					

In Place of Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 12964.17		SERIAL NO. 09/673,389	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) <div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">PATENT & TRADEMARK OFFICE 600</div> <div style="text-align: center;">DEC 07 2000</div> </div>				APPLICANT Hassan Jomaa			
				FILING DATE October 13, 2000		GROUP Unknown	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	BA						
	BB						
	BC						
	BD						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	BE						YES NO
	BF						YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.).							
	BG	Kuzuyama et al, "Fosmidomycin, a Specific Inhibitor of 1-Deoxy-d-Xylulose-5-Phosphate Reductoisomerase in the Nonmevalonate Pathway for Terpenoid Biosynthesis", TETRAHEDRON LETTERS, October 1998, 7913-7916					
	BH	Zuzuyama, et al, "Direct formation of 2-C-Methyl-D-Erythritol 4-phosphate from 1-Deoxy-D-Xylulose-5-Phosphate Reductoisomerase, a new enzyme in the non-mevalonate pathway to isopentenyl diphosphate, TETRAHEDRON LETTERS, 1198, 4509-4512					
	BI	Putra, et al, "Incorporation of '2,3-' ¹³ C ₂ !- and '2,4-' ¹³ C ₂ !-D-1-Deoxyxylulose into ubiquinone of Escherichia coli via the Mevalonate-Independent pathway for Isoprenoid Biosynthesis, TETRAHEDRON LETTERS, 1998, 23-26					
	BJ	Lange, B. Markus, et al, "A family of transketolases that directs isoprenoid biosynthesis via a mevalonate-independent pathway," PROC. NATL. ACAD. SCI. USA, 1998 2100-2104					
EXAMINER				DATE CONSIDERED			
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